

CD NO.

SUPPLEMENT TO
REPORT NO.

THIS IS UNEVALUATED INFORMATION

WATER CONSERVATION PROJECTS IN KUAN-CHUNG

Extent of irrigation and future irrigation plans for this area are given in the following tables.

- 1 -

CLASSIFICATION

RESTRICTED

STATE		NAVY	AIR	FBI	DISTRIBUTION	
ARMY						

RESTRICTED

Table 1. Irrigated Land in the Kuan-chung Area

Name of Project	Source of Water (River)	Beneficiaries	Area Irrigated (in shih-mu*)	Length of Canals (in km)	Year and Month		
					Work Started	Finished	Water Supplied
Ching-hui-ch'u (6191, 3366, 6317)	Ching	Ching-yang, San-yuen, Kao-ling, Lin-t'ung, Li-ch'uan	730,000	273	1930 Oct	1935 Apr	1932 Jul
Wei-hui-ch'u (6331, --)	Wei	Wei, Wu-kung, Hsing-p'ing, Hsien-yang, Fu-feng	600,000	177	1935 Apr	1937 Mar	1936 Dec
Lo-hui-ch'u (6123, --)	Lo	Ta-li, Ch'uo-i, P'ing-min	500,000	83	1934 Mar	-	1947 Dec
Li-hui-ch'u (6591, --)	Li	Hu, Ch'ang-an, Hsien-yang	230,000	48	1941 Sep	1947 May	1947 May
Hei-hui-ch'u (14709, --)	Hei	Chou-chih	160,000	55	1938 Sep	1942 Dec	1942 Apr
Mei-hui-ch'u (4971, --)	Shih-t'ou (7954, 13346)	Mei, Ch'i-shan	132,000	121	1936 Oct	1938 Jul	1938 Jul
Lao-hui-ch'u (6567, --)	Lao	Hu	100,000	22	1943 Jul	1947 Oct	1947 Sep
Kan-hui-ch'u (6073, --)	Kan	Li-ch'uan	3,000	5	1943 May	1944 Feb	1944 Apr
Total			2,455,000	784			

* 6 shih-mu = 1 acre

STAT

RESTRICTED
RESTRICTED

STAT

Table 2. Comparative Beneficial Effect of Irrigation

Name of Project	Grade of Land	Crop	Amount Produced per Shih-mu		
			Non-irrigated	Irrigated	Gain
Ching-hui-ch'u	1	Wheat	36 tou*	96 tou	60 tou
	2	Wheat	36	84	48
	3	Wheat	36	84	48
	1	Cotton	120 chin**	480 chin	360 chin
	2	Cotton	120	360	240
	3	Cotton	120	240	120
Wei-hui-ch'u	1	Corn	48 tou	198 tou	150 tou
	2	Corn	48	120	72
	3	Corn	48	78	30
Lan-hui-ch'u	1	Cotton	150 chin	360 chin	210 chin
	2	Cotton	150	270	120
Mei-hui-ch'u	2	Corn	36 tou	96 tou	60 tou
	3	Corn	36	60	24
	1	Rice	48	120	72
	2	Rice	48	90	42
	3	Rice	48	60	12
Hei-hui-ch'u	1	Corn	36 tou	156 tou	120 tou
	2		36	96	60
	3		36	60	24
	1	Rice	48	120	72
	2		48	90	42
	3		48	60	12

* 6 tou = 1 bushel

** 1 chin = 1 1/3 pounds

- 3 -

RESTRICTED
RESTRICTED

RESTRICTED

Table 3. 1947 Yield From Six Kuan-chung Irrigation Projects

Name of Project	Total Area Irrigated (in shih-mu)	Crops Planted	Area Planted (in shih-mu)	Crop Yield (in shih-tan*)	Increase Over Yield Before Irrigation (in shih-tan)	
					Cotton	Foodstuffs
Ching-hui-ch'u	693,834	Cotton Wheat, barley Millet, etc.	358,912 379,441 139,665	290,404 452,761 168,929	218,672	234,343
Wei-hui-ch'u	303,054	Cotton Wheat, barley Millet, etc.	92,943 253,911 259,691	51,444 325,229 399,771	32,755	278,057
Li-hui-ch'u	12,000	Cotton Millet, etc.	2,247 5,827	1,003 11,612	554	8,176
Hei-hui-ch'u	84,733	Cotton Wheat, barley Rice Millet, etc.	16,699 71,780 10,711 60,150	7,835 101,278 16,067 51,642	4,495	73,915
Mei-hui-ch'u	44,925	Cotton Wheat, barley Rice Millet, etc.	277 66,830 22,780 26,492	83 137,761 41,004 32,173	28	125,633
Kan-hui-ch'u	2,263	Cotton Wheat, barley Millet, etc.	1,778 506 91	889 657 126	533	324

* 1 shih-tan = 110.23 pounds

RESTRICTED

STAT

RESTRICTED

Table 4. Contemplated Irrigation Projects in the Kuan-chung Area

Name of Project	Source of Water (River)	Estimate to be Benefited	Areas to be Irrigated (in Shih-mu)	Chief Products
Wei-hui-ch'u No 2	Wei	T'ung, Wei-nan	350,000	Cotton, wheat
Yao-hui-ch'u (9249, --)	Shih-ch'uan	Yao, Fu-p'ing	130,000	Rice, wheat
Ch'ing-hui-ch'u (6290 --)	Ch'ing-yu	San-yuan	110,000	Cotton, wheat
Ch'ien-hui-ch'u (6132, --)	Ch'ien	Lung	43,000	Wheat, other grains
Wei-hui-ch'u No 6 Branch	Wei	Wu-kung	35,000	Wheat, other grains
Hing-hui-ch'u (2368 --)	Pa-wang (13078, 7262)	Mei	20,000	Rice, wheat
T'ang-hui-ch'u (6381 --)	T'ang-yu	Mei	6,000	Rice, wheat

- E N D -

- 5 -

RESTRICTED

STAT